

2292-038-0 PCT

\*RESPONSE UNDER 37 CFR 1.116-  
EXPEDITED PROCEDURE EXAMINING  
GROUP 1611

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

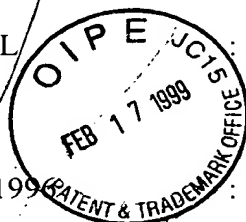
IN RE APPLICATION OF:

MASAJI ISHIGURO ET AL

SERIAL NO: 08/722,144

FILED: DECEMBER 12, 1998

FOR: PENEM DERIVATIVES AND  
ANTIMICROBIAL AGENT  
CONTAINING THE SAME



EXAMINER: BERCH

GROUP ART UNIT: 1611

AMENDMENT UNDER 37 CFR 1.116

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

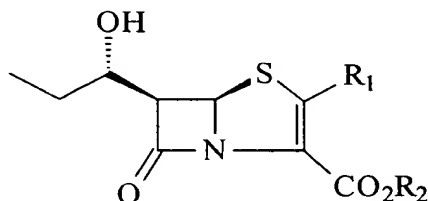
SIR:

Responsive to the Final Office Action dated August 17, 1998, Applicants respectfully seek reconsideration of the above-identified application in view of the following amendment and remarks.

IN THE CLAIMS

Please amend Claim 1 as follows:

--1. (Amended) A penem derivative represented by the following formula (I):



(I)

wherein R<sub>1</sub> represents [a substituted or unsubstituted alkyl group, a substituted or unsubstituted alkenyl group, a substituted or unsubstituted aralkyl group, a substituted or unsubstituted aryl group,] a substituted or unsubstituted alkylthio group, a substituted or